

[54] **GENERAL-PURPOSE ELECTRONIC TELEPHONE STATION SET**

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[58] Field of Search **340/711, 712, 706; 178/18; 179/2 DP, 90 AN, 2 TV, 90 B, 18 B; 364/200, 900**

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[57] **ABSTRACT**

The power of computer-based services is made available to telephone subscribers by a telephone station set (10) including a telephone handset (17) for audio transduction, a video output display screen (13) and manual input key facilities (16,20,23) coupled for interaction by a data processing facility (43). All of those elements are included in a common station set housing for programmable interaction under control of the station set user. The input key facilities include a full ASCII key set, additional buttons (30-32) for signaling standard computer service functions, and keys (16) for user selection of predetermined different text portions of the display screen. Also shown are various electrical and mechanical features which facilitate the combining of the functional parts into the common housing and illustrative processes (FIGS. 8-12) for demonstrating the programmable facility interaction.

25 Claims, 15 Drawing Figures

